

**ABSTRACT OF THE DISCLOSURE**

The invention aims at providing a bulk material  
5 cooler particularly for hot cement clinker, wherein the  
conveyance performance and the efficiency of the  
cooler are enhanced and problems due to wear are  
reduced. According to the invention, the cooling  
10 grates of several adjacent, elongated bottom elements  
extending in longitudinal direction of the cooler are  
put together, said bottom elements being movably  
controlled independently of one another between a work  
clearance stroke position in the direction of  
conveyance of the material to be cooled and a return  
15 stroke position in such a way that the material to be  
cooled is gradually conveyed through the cooler  
according to the walking floor transport system,  
wherein the bottom elements are configured as hollow  
bodies and enable the cold air to go through yet  
20 prevent grate sifting of the material to be cooled.